

BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2024-25/OW/WORK_INDENT5310

APPROVED SCHEDULE - B

No.EE/BTP/BBMP/KPPP/09/2024-25, Date: 19-10-2024

Name Of Work: IMPROVEMENTS OF ROADS, DRAINS AND OTHER ALLIED WORKS AT A K COLONY, MARUTHI NAGARA AND SURROUNDING AREA IN WARD NO. 11 KODIGEHALLI.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of	
				Sri. B M Muniraju	
				In Figures	In Words
1	483.19	Removing and resetting of footpath slab	Sqm	242.03	Rupees Two Hundred Forty Two and Three Paise Only
2	168.00	Dismantling of cement concrete pavement, Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separately	Cum	637.82	Rupees Six Hundred Thirty Seven and Eighty Two Paise Only
3	194.40	Earth work excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, foundation of Buildings & bridges and such simillar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenances required to complete the work. In all kinds of soils Depth upto 1.5 m	Cum	274.16	Rupees Two Hundred Seventy Four and Sixteen Paise Only
4	117.20	Providing and laying 100mm thick pre-cast cover slabs over Road side drains / utility ducts / Rain water harvesting pit of width not exceeding 1000 mm using M20 concrete reinforced with TMT bars Fe 550 @ 6kg/m2, slabs jointed in CM 1:3 proportion and nicely finished Including providing holes in the Cover slabs wherever necessary for easy drain age of surface waterincluding of labour, materials, scaffolding, usage of machinery, curing, lead and lift charges etc, Complete.	Sqm	1325.50	Rupees One Thousand Three Hundred Twenty Five and Fifty Paise Only
5	3.60	Providing and fixing 230mm thick pre cast reinforced concrete slab as per design and drawing material cost,transportation, hire charges of machinery complete with all lead and lift conveyance charges labour charges inclusive of cost of all materials	Sqm	5187.60	Rupees Five Thousand One Hundred Eighty Seven and Sixty Paise Only
6	168.00	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work.In all kinds of soils upto 300 mm depth	Cum	107.60	Rupees One Hundred Seven and Sixty Paise Only
7	126.00	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 14:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 140 kg/ m3 , optimum moisture content to be determined during trial length construction, concrete strength not to be less than 7 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 t vibratory roller, finishing and curing	Cum	5573.80	Rupees Five Thousand Five Hundred Seventy Three and Eighty Paise Only

Signature of the Contractor

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E.E. (BTP DIV)

Name Of Work: IMPROVEMENTS OF ROADS, DRAINS AND OTHER ALLIED WORKS AT A K COLONY, MARUTHI NAGARA AND SURROUNDING AREA IN WARD NO. 11 KODIGEHALLI.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of	
				Sri. B M Muniraju	
				In Figures	In Words
8	126.00	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383:2016:, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, primer, sealant, curing of concrete slabs for 14-days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work.	Cum	7651.54	Rupees Seven Thousand Six Hundred Fifty One and Fifty Four Paise Only
9	1.00	Geophysical investigation at site for sinking borewells for supplying drinking water to the habitation either through the Hand Pump MWS or P.W.S.S, by vertical electrical sounding by adopting Venner or Schlumbergers's method, including econnaissance survey of geological formation. Geophysical investigation of existing ground water in the vicinity, its quality, quantity and acceptability of the users, indicating the location of the site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instruments and accessories to work site, engaging technical personal and labour required etc. NOTE: 1) Additional rate on item 1&2 is allowed for drilling in over burden and fixing Casing pipes beyond 20 M (for fixing Casing pipes only) a) Above 20 M and upto 30 M - 15%, b) Above 30 M - 30% (Measurement of overburden is restricted to the depth of casing pipe fixed excluding initial depth of 20M and projection above ground level). 2) A sum of Rs. 100/- is to be deducted for Dry Borewell towards yield test	Each	5446.10	Rupees Five Thousand Four Hundred Forty Six and Ten Paise Only
10	150.00	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (Excluding cost of casing pipes, collars, cap etc., complete) 0-50mtrs	Mtr	381.10	Rupees Three Hundred Eighty One and Ten Paise Only
11	150.00	50-100mtrs	Mtr	477.90	Rupees Four Hundred Seventy Seven and Ninety Paise Only
12	150.00	100-150mtrs	Mtr	507.80	Rupees Five Hundred Seven and Eighty Paise Only
13	150.00	150-200mtrs	Mtr	589.10	Rupees Five Hundred Eighty Nine and Ten Paise Only
14	150.00	200-250mtrs	Mtr	691.10	Rupees Six Hundred Ninety One and Ten Paise Only
15	150.00	250-300mtrs	Mtr	762.10	Rupees Seven Hundred Sixty Two and Ten Paise Only

Name Of Work: IMPROVEMENTS OF ROADS, DRAINS AND OTHER ALLIED WORKS AT A K COLONY, M/ RUTHI NAGARA AND SURROUNDING AREA IN WARD NO. 11 KODIGEHALLI.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of Sri. B M Muniraju	
				In Figures	In Words
16	150.00	300-350mtrs	Mtr	894.00	Rupees Eight Hundred Ninety Four Only
17	120.00	350-400mtrs	Mtr	965.00	Rupees Nine Hundred Sixty Five Only
18	180.00	Supply of ISI mark 175mm nominal bore, plain and steel casing pipe grade of steel Fe 410 of wall thickness conforming to IS 4270-2001 and latest ammendments, electrical resistance welded steel tubes, material and conforming to IS 1387-1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5-7m both ends. threaded conforming to IS 554-1985 one end fixed with socket conforming to IS 4270-2001 and the other end with screwed pipes all shall be responsibly free from defects. The tubes shall be responsible straight end should be with ISI marking weighing 25.10kg/m. prices include Collar-Medium duty.	Mtr	1990.80	Rupees One Thousand Nine Hundred Ninety and Eighty Paise Only
19	30.00	PVC pipes of 10 Kg/cm2 for 200mm	Mtr	1189.50	Rupees One Thousand One Hundred Eighty Nine and Fifty Paise Only
20	3.00	Providing and laying at site of work MS casing caps as per IS 1239 (partII) 1982 with all latest amendments if any for any dia. The thickness of plate used for covering one end shall be 3mm (minimum). The dimensions of caps and colars shall be strictly as per IS 1239 (Part-II) 1982 with all amendments including cost of material and labour charges for fixing, if any etc. complete with all lead and lifts and as directed by the Engineer in charge	Each	169.00	Rupees One Hundred Sixty Nine Only
21	23400.00	Fabricating supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clA with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete.	Sq CM	0.44	and Forty Four Paise Only
22	3.00	Supply and delivery at site wrought middle steel (galvanized) 50 mm dia GI Union confirming to IS 1239-II, 1991 with latest amendments if any	Job	275.00	Rupees Two Hundred Seventy Five Only
23	9.00	Supply and delivery at site wrought middle steel (galvanized) 50 mm dia GI hexagonal nipple confirming to IS 1239-II, 1991 with latest amendments if any.	Each	219.40	Rupees Two Hundred Nineteen and Forty Paise Only
24	9.00	Supply and delivery at site wrought middle steel (galvanized) 50 mm dia GI elbow confirming to IS 1239-II, 1991 with latest amendments if any for:	Each	283.30	Rupees Two Hundred Eighty Three and Thirty Paise Only
25	3.00	Labour charges for Erection, Electrification and commissioning of Pump sets, including aligning and balancing of all items including supply and erection of two pair of supporting clamps, bore well caps, cable clips and water tight gland cable protectors, bolts, nuts, valve and gauges, tools and equipments etc., involved in the job as per specifications, with necessary tests as per specifications, with testing of as per instructions of engineer incharge of work.	Each	6694.40	Rupees Six Thousand Six Hundred Ninety Four and Forty Paise Only
26	3.00	Labour charges for erection of outdoor type panel board and meter boardunits with all necessary materials and labour, tools and equipments including providing cement concrete foundation bed etc., complete as per specification, with testing of as per instructions of engineer incharge of work.	Each	1493.40	Rupees One Thousand Four Hundred Ninety Three and Forty Paise Only
27	3.00	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws 20" x 20" x 2.5"	Nos	336.00	Rupees Three Hundred Thirty Six Only

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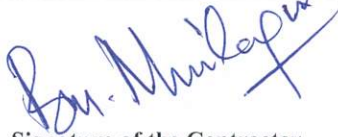
Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of	
				Sri. B M Muniraju	
				In Figures	In Words
28	3.00	Providing, supplying to work site, Submersible Pump Set of 150mm dia suitable for bore well and confirming to IS 8034-2000; 3Phase, SS Bowl & Impeller with Low volt Motor as per specifications, as per necessary amendments and instructions of engineer in charge of work. 17.50 HP - 120 LPM @ 308 m = 26 STG Outlet Dia - 2.00"	Each	80294.10	Rupees Eighty Thousand Two Hundred Ninety Four and Ten Paise Only
29	165.00	Supply and delivery of galvanized mild steel tubes of 6mtr standard length heavy duty (C Class) as per IS 1239 (Part-I) 1990 with latest amendments with ISI Mark (one end fitted with Heavy Duty collar and other end fitted with protective cover)	Mtr	3141.20	Rupees Three Thousand One Hundred Forty One and Twenty Paise Only
30	1950.00	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to IS 13:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100 V as per IS-694:2010. 3C x 6 mm ²	Mtr	252.33	Rupees Two Hundred Fifty Two and Thirty Three Paise Only
31	3.00	Supplying fully automatic star-delta starter unit push button type with suitable wires, 3 contactors, one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 V 3 phase and wired after fixing to the existing wooden board for motor Above 12.5 HP upto 25 HP	Each	9026.04	Rupees Nine Thousand Twenty Six and Four Paise Only
32	3.00	Supply and delivery at site of brand new best make gate valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50 mm	Nos	1287.40	Rupees One Thousand Two Hundred Eighty Seven and Forty Paise Only
33	3.00	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50 mm	Nos	1287.40	Rupees One Thousand Two Hundred Eighty Seven and Forty Paise Only
34	3.00	Supply and delivery at site delivery of best indigenous brand new MCB (Miniature Circuit Breakers) of required capacity as per IS 88228/1978 and its latest amendments and with ISI Mark of 6/10/16/20/25/40 Amps with scalable box.	Nos	1184.40	Rupees One Thousand One Hundred Eighty Four and Forty Paise Only
35	3.00	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete	Nos	142.10	Rupees One Hundred Forty Two and Ten Paise Only
36	405.00	Earth work excavation for pipelines/cables by Manual means upto 600 mm trench width, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, including dressing of excavated surfaces, disposing off or leveling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m. Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering and lift upto 1.5 m including cost of labour, tools, usage & other appurtenances required to complete the work	Cum	548.30	Rupees Five Hundred Forty Eight and Thirty Paise Only
37	900.00	Providing and installing at site of work P.V.C. pipes including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour charges and all lift charges, handling charges including encasing the pipe around to a depth not less than 15 cms with gravel or selected earth available from the excavation etc. complete. 75mm (weight of pipe - 0.917 kg)	Mtr	198.00	Rupees One Hundred Ninety Eight Only
38	405.00	Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50 m, and lift upto 1.5 m. Including cost of all labour complete as per specifications	Cum	181.30	Rupees One Hundred Eighty One and Thirty Paise Only
39	1418.59	Unloading, Loading & Carriage of Materials Loading and Unloading of Stone Boulder/Stone aggregates/Sand/Kankar/Moorum. (Tipper 14 m ³)	Cum	153.00	Rupees One Hundred Fifty Three Only


Signature of the Contractor


Executive Engineer

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				Sri. B M Muniraju	
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40	1197.31	Cost of Haylage Excluding Loading and Unloading, Taking output 18 t load and lead 10 km = 100 t.km	T.Km	90.60	Rupees Ninety and Sixty Paise Only


Signature of the Contractor


Executive Engineer
Byarayanapura Division
Bruhat Bengaluru Mahanagara Palike


Signature of the Contractor

